## I CLAIM:

Apparatus for injecting ozone into a tank of water, said apparatus comprising in 1. 1 combination: 2 a) a filter for filtering the water drawn from said tank; 3 b) a venturi for entraining ozone in the filtered water flowing to the tank; 4 c) a circulation pump for drawing water through said filter and returning the water 5 to said tank through said venturi to entrain ozone in the returning water; 6 d) an ozone generator for generating the ozone; 7 e) a conduit interconnecting said ozone generator and said venturi to convey 8 ozone to said venturi from said ozone generator; 9 f) a suction line adapted to provide air to said ozone generator; and 10 g) a check valve disposed in said suction line to prevent airflow from said ozone 11 generator through said check valve. 12 An apparatus as set forth in Claim 1 wherein said venturi includes an inlet in fluid 2. 1 communication with said conduit. 2 An apparatus as set forth in Claim 1 including a valve for metering airflow into 3. 1 said ozone generator. 2 An apparatus as set forth in Claim 3 wherein said valve is upstream of said check 4. 1 2 valve.

1	5.	An apparatus as set forth in Claim 1 including a filter for filtering the air flowing	
2	into said ozone generator.		
1 2	6. valve.	An apparatus as set forth in Claim 5 wherein said filter is upstream of said check	
1	7.	A method for injecting ozone into a tank of water, said method comprising the	
2	steps of:	a) filtering the water from the tank with a filter;	
3		b) drawing the water through the filter and discharging the water into the tank	
4			
5	through a device for entraining the ozone;		
6		c) generating ozone with an ozone generator and conveying the ozone to the	
. 7	entraining device;		
8		d) entraining the ozone conveyed in the water flowing into the tank;	
9		e) further drawing air into the ozone generator through a suction line; and	
10		f) precluding outflow of air from the suction line to restrain flow of water from	
11	the venturi to the ozone generator.		
1	8.	The method as set forth in Claim 7 including the step of controlling the rate of	
2	flow of air into the ozone generator.		

The method as set forth in Claim 7 including the step of filtering the flow of air to 9. 1 the ozone generator. 2 The method as set forth in Claim 8 including the step of filtering the flow of air to 10. 1 the ozone generator. 2 A method for preventing a flow of water from a tank to an ozone generator having 11. 1 a suction line for inflow of air and adapted to provide ozone for entrainment in water flowing 2 into the tank, said method comprising the steps of: 3 a) conveying ozone through a conduit from the ozone generator; 4 b) entraining ozone from the conduit in the water flowing to the tank; and 5 c) preventing flow of air and ozone from the ozone generator through the suction 6 line with a check valve disposed in the suction line. 7 The method as set forth in Claim 11 including the step of controlling the rate of 12. 1 air flow into the ozone generator. 2 The method as set forth in Claim 11 including the step of filtering the air flow to 13. 1 the ozone generator. 2 The method as set forth in Claim 12 including the step of filtering the air flow to 14. 1 the ozone generator. 2

1	15.	Apparatus for preventing a flow of water from a tank to an ozone generator	
2	adapted to provide ozone for entrainment in water flowing into the tank, said apparatus		
3	comprising in combination:		
4		a) said ozone generator;	
5		b) a device for entraining the ozone from said ozone generator in the water	
6	flowing into the tank;		
7		c) a conduit for conveying ozone from said ozone generator to said device;	
8		d) a suction line for providing air to said ozone generator; and	
9		e) a check valve disposed in said suction line for establishing a pressurized	
10	environment	in said conduit to prevent a flow of water therein to said ozone generator.	
1	16.	An apparatus as set forth in Claim 15 including a valve for regulating the rate of	
2	flow of air into said suction line.		
1	17.	An apparatus as set forth in Claim 15 including a filter for filtering the air flowing	
2	into said suction line.		
1	18.	An apparatus as set forth in Claim 16 including a filter for filtering the air flowing	
2 into said suction line.		ion line.	
1	19	An apparatus as set forth in Claim 15 wherein said device is a venturi	

- 1 20. An apparatus as set forth in Claim 19 wherein said conduit includes a loop
- 2 disposed above the level of the water in the tank.